

## Volume contents

### Volume 95 (2000)

#### Issue Contents

#### Review article

**R. Perris, D. Perissinotto (Italy)**

Role of the extracellular matrix during neural crest cell migration

#### Original articles

**J. Beckers, A. Caron, M. Hrabé de Angelis, S. Hans,**

**J.A. Campos-Ortega, A. Gossler (USA, Germany)**

Distinct regulatory elements direct *Delta1* expression in the nervous system and paraxial mesoderm of transgenic mice

**J. Beckers, N. Schlautmann, A. Gossler (USA)**

The mouse rib-vertebrae mutation disrupts anterior-posterior somite patterning and genetically interacts with a *Delta1* null allele

**R. Klapper (Germany)**

The longitudinal visceral musculature of *Drosophila melanogaster* persists through metamorphosis

**H. Ohuchi, S. Kimura, M. Watamoto, N. Itoh (Japan)**

Involvement of fibroblast growth factor (FGF)18-FGF8 signaling in specification of left-right asymmetry and brain and limb development of the chick embryo

**T. Kawano, M. Fujita, H. Sakamoto (Japan)**

Unique and redundant functions of SR proteins, a conserved family of splicing factors, in *Caenorhabditis elegans* development

**M. Catala, C. Ziller, F. Lapointe, N.M. Le Douarin (France)**

The developmental potentials of the caudalmost part of the neural crest are restricted to melanocytes and glia

**N.B. Randsholt, F. Maschat, P. Santamaria (France)**

*polyhomeotic* controls *engrailed* expression and the *hedgehog* signaling pathway in imaginal discs

**I. Muñoz-Sanjuán, J.F. Fallon, J. Nathans (USA)**

Expression and regulation of chicken fibroblast growth factor homologous factor (FHF)-4 at the base of the developing limbs

1

**Q. Zhang, X. Lu (USA)**

*semang* affects the development of a subset of cells in the *Drosophila* compound eye

113

3

**M.A. Schwarz, F. Zhang, S. Gebb, V. Starnes, D. Warburton (USA)**

Endothelial Monocyte Activating Polypeptide II inhibits lung neovascularization and airway epithelial morphogenesis

123

23

**Y. Tanaka, I. Naruse, T. Hongo, M.-J. Xu, T. Nakahata, T. Maekawa, S. Ishii (Japan)**

Extensive brain hemorrhage and embryonic lethality in a mouse null mutant of CREB-binding protein

133

35

**C.D. Kaufman, G. Martínez-Rodríguez, P.B. Hackett Jr. (USA)**

Ectopic expression of *c-ski* disrupts gastrulation and neural patterning in zebrafish

147

47

**A. Schneider, T. Brand, R. Zweigerdt, H.-H. Arnold (Germany)**

Targeted disruption of the *Nkx3.1* gene in mice results in morphogenetic defects of minor salivary glands: parallels to glandular duct morphogenesis in prostate

163

55

**R.W. Köster, R.P. Kühnlein, J. Wittbrodt (Germany)**

Ectopic *Sox3* activity elicits sensory placode formation

175

67

**J.-G. Liu, M.J. Tabata, T. Fujii, T. Ohmori, M. Abe, Y. Ohsaki, J. Kato, S. Wakisaka, M. Iwamoto, K. Kurisu (Japan)**

Parathyroid hormone-related peptide is involved in protection against invasion of tooth germs by bone via promoting the differentiation of osteoclasts during tooth development

189

77

#### Gene expression patterns

**M. Nguyen, L. Parker, K. Arora (USA)**

Identification of *maverick*, a novel member of the TGF- $\beta$  superfamily in *Drosophila*

201

101

**P. Kondaiah, M. Taira, U.D. Vempati, I.B. Dawid (India, USA)**

Transforming growth factor- $\beta$ 5 expression during early development of *Xenopus laevis*

207

<b>D.J. Henderson, P. Ybot-Gonzalez, A.J. Copp (UK)</b> RhoB is expressed in migrating neural crest and endocardial cushions of the developing mouse embryo	211	<b>A.K. Braat, S. van de Water, H. Goos, J. Bogerd, D. Zivkovic (The Netherlands)</b> Vasa protein expression and localization in the zebrafish	271
<b>F. Lyko, A.J. Whittaker, T.L. Orr-Weaver, R. Jaenisch (USA)</b> The putative <i>Drosophila</i> methyltransferase gene <i>dDnmt2</i> is contained in a transposon-like element and is expressed specifically in ovaries	215	<b>L. Pissarra, D. Henrique, A. Duarte (Portugal)</b> Expression of <i>hes6</i> , a new member of the Hairy/Enhancer-of-split family, in mouse development	275
<b>H.C. Schröder, M. Kruse, R. Batel, I.M. Müller, W.E.G. Müller (Germany, Croatia)</b> Cloning and expression of the sponge longevity gene <i>SDLAGL</i>	219	<b>S.A. Vokes, P.A. Krieg (USA)</b> <i>Gdf16</i> , a novel member of the growth/differentiation factor subgroup of the TGF- $\beta$ superfamily, is expressed in the hindbrain and epibranchial placodes	279
<b>S. Fraboulet, T. Schmidt-Petri, D. Dhouailly, O. Pourquié (France)</b> Expression of DM-GRASP/BEN in the developing mouse spinal cord and various epithelia	221	<b>H. Li, E. Wagner, P. McCaffery, D. Smith, A. Andreadis, U.C. Dräger (USA)</b> A retinoic acid synthesizing enzyme in ventral retina and telencephalon of the embryonic mouse	283
<b>M. Hidalgo-Sánchez, R.-M. Alvarado-Mallart, I.S. Alvarez (France, Spain)</b> <i>Pax2</i> , <i>Otx2</i> , <i>Gbx2</i> and <i>Fgf8</i> expression in early otic vesicle development	225	<b>H. MacArthur, D.W. Houston, M. Bubunencko, L. Mosquera, M.L. King (USA)</b> <i>DEADSouth</i> is a germ plasm specific DEAD-box RNA helicase in <i>Xenopus</i> related to eIF4A	291
<b>S. Angelo, J. Lohr, K.H. Lee, B.S. Ticho, R.E. Breitbart, S. Hill, H.J. Yost, D. Srivastava (USA)</b> Conservation of sequence and expression of <i>Xenopus</i> and zebrafish dHAND during cardiac, branchial arch and lateral mesoderm development	231	<b>D.T. Kuhn, J.M. Chaverri, D.A. Persaud, A. Madjidi (USA)</b> Pair-rule genes cooperate to activate <i>en</i> stripe 15 and refine its margins during germ band elongation in the <i>D. melanogaster</i> embryo	297
<b>O. Crociani, A. Cherubini, E. Piccini, S. Polvani, L. Costa, L. Fontana, G. Hofmann, B. Rosati, E. Wanke, M. Olivotto, A. Arcangeli (Italy)</b> <i>erg</i> gene(s) expression during development of the nervous and muscular system of quail embryos	239	<b>R. Bettencourt, Y. Assefaw-Redda, I. Faye (Sweden)</b> The insect immune protein hemolin is expressed during oogenesis and embryogenesis	301
<b>J. Wischniewski, M. Sölter, Y. Chen, T. Hollemann, T. Pieler (Germany)</b> Structure and expression of <i>Xenopus</i> karyopherin- $\beta 3$ : definition of a novel synexpression group related to ribosome biogenesis	245	<b>J.E. Andrews, M.J. O'Neill, M. Binder, T. Shioda, A.H. Sinclair (UK, USA, Australia)</b> Isolation and expression of a novel member of the CITED family	305
<b>S. Marracci, C. Rossi, I. Nardi (Italy)</b> Identification of different forms of calpastatin mRNA co-expressed in the notochord of <i>Xenopus laevis</i> embryos	249	<b>N. Offenhäuser, E. Santolini, A. Simeone, P.P. Di Fiore (Italy, UK)</b> Differential patterns of expression of Eps15 and Eps15R during mouse embryogenesis	309
<b>D.-g. Ahn, I. Ruvinsky, A.C. Oates, L.M. Silver, R.K. Ho (USA)</b> <i>tbx20</i> , a new vertebrate T-box gene expressed in the cranial motor neurons and developing cardiovascular structures in zebrafish	253	<b>E. Thiery, P. Gosset, D. Damotte, A.-L. Delezoide, N. de Saint-Sauveur, C. Vayssettes, N. Créau (France)</b> Developmentally regulated expression of the murine ortholog of the potassium channel KIR4.2 (KCNJ15)	313
<b>P.-H. Chu, P. Ruiz-Lozano, Q. Zhou, C. Cai, J. Chen (USA)</b> Expression patterns of FHL/SLIM family members suggest important functional roles in skeletal muscle and cardiovascular system	259	Author Index	317
<b>K.B. Rohr, M.L. Concha (UK)</b> Expression of <i>nk2.1a</i> during early development of the thyroid gland in zebrafish	267	Subject Index	321
		Volume Contents	329
		Announcement	331
		Instructions to Authors	333
		Contents continued	335

